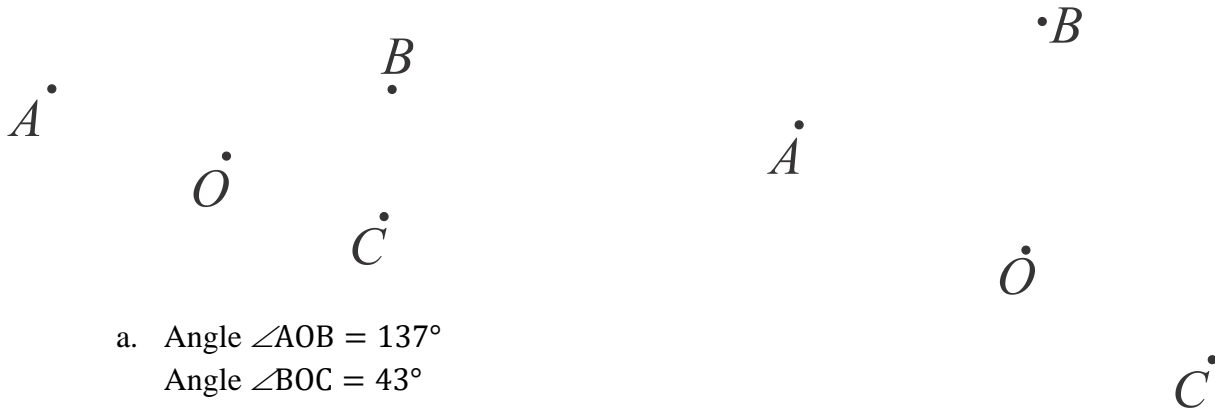
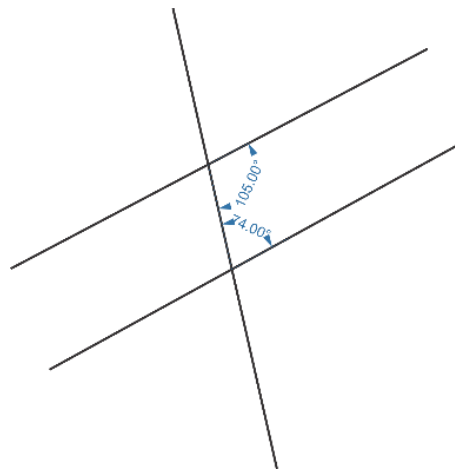


1. Prove that bisectors of two supplementary angles are perpendicular to each other (draw a sketch, use ruler and protractor).
2. Ratio of the measures of two supplementary angles is 2:3. What are the measures of the angles?
3. Do the points A, O, and C lie on the same line?



- b. Angle $\angle AOB = 65^\circ$
 Angle $\angle BOC = 116^\circ$

4. Are these two lines parallel?



5. Parliament elections were held on Fruit Island. Everyone who voted for the Mandarin party love tangerines. Of those who voted for other parties, 90% do not like tangerines. How many percent of the votes got the Mandarin party, if it is known that exactly 46% of the inhabitants love tangerines.
6. Evaluate (answer is 5):

$$(2.5 - 0.75) \cdot \frac{4}{7} + \left(\left(3\frac{3}{8} - 2\frac{11}{12} \right) \cdot 1\frac{7}{9} + 2\frac{11}{12} \cdot 1\frac{7}{9} \right) : \left(3.5 : 2\frac{1}{3} \right)$$

